

ABSTRACT OF THE DISCLOSURE:

A snowmobile four-cycle engine arrangement, includes:
a four-cycle engine arranged in an engine compartment formed
in the front body of a snowmobile with its crankshaft laid
5 substantially parallel to the body width and having a cylinder
case inclined forwards with respect to the vehicle's direction
of travel. The engine employs a dry sump oil supplying system
and an oil tank separate from the engine is provided. Another
snowmobile four-cycle engine arrangement includes: a
10 four-cycle engine having a cylinder head at its top, arranged
in the engine compartment and inclined forwards with respect
to the vehicle's direction of travel with an intake path
provided on the upper portion of the engine body. An
intercooler for cooling the intake air is arranged in a tunnel
15 created inside the body frame for accommodating a track belt.